

FIG. 1

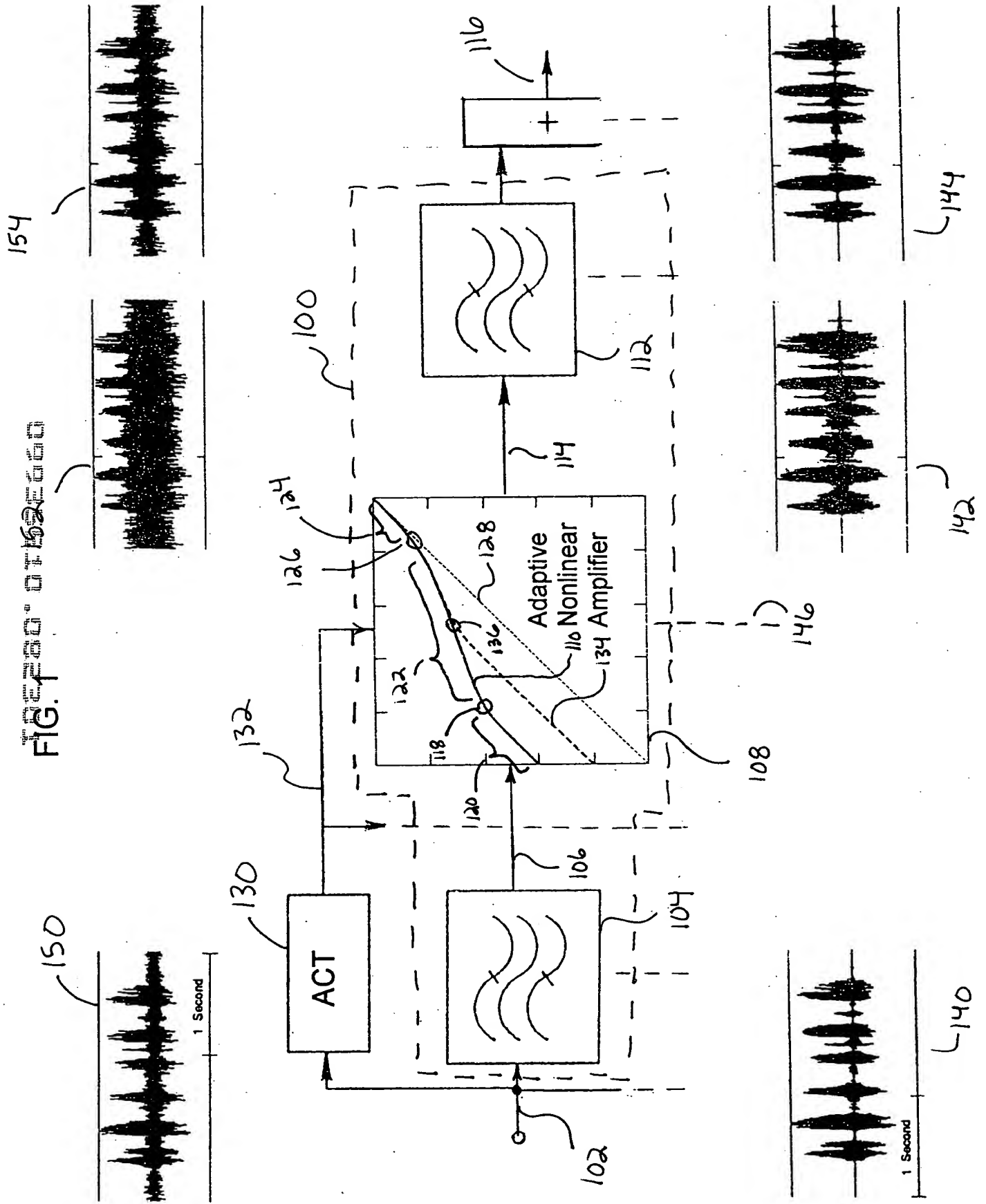


FIG. 2 MBPNL

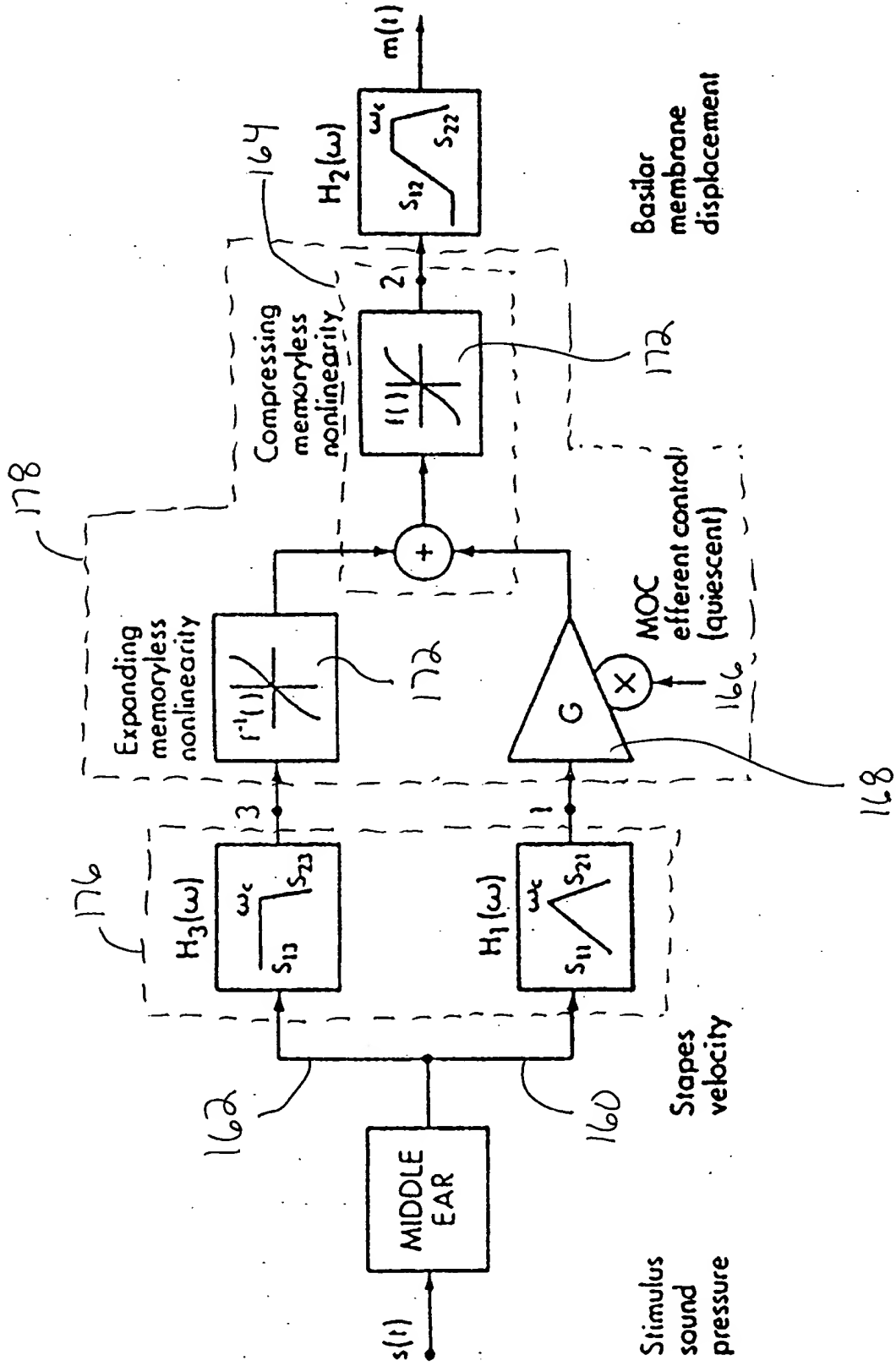
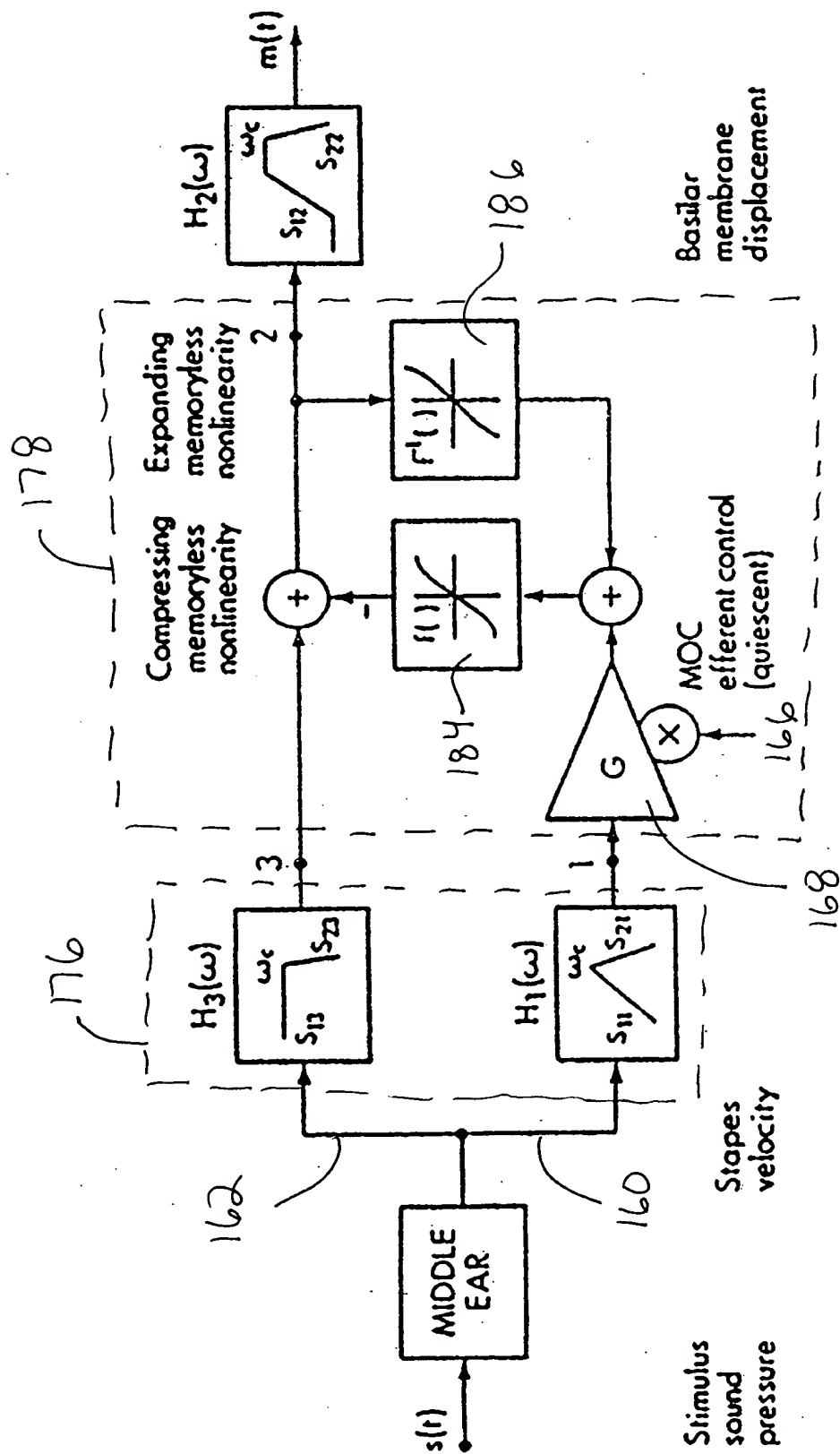


FIG. 3 MFBPNL



COCHLEAR TUNED MECHANICAL RESPONSES

DISPLACEMENT  
NANOMETERS

10<sup>4</sup>  
10<sup>3</sup>  
100  
10  
1  
0.1

0 20 40 60 80 100 120

200 206

202 204

SIGNAL LEVEL dB SPL

1990

09592600

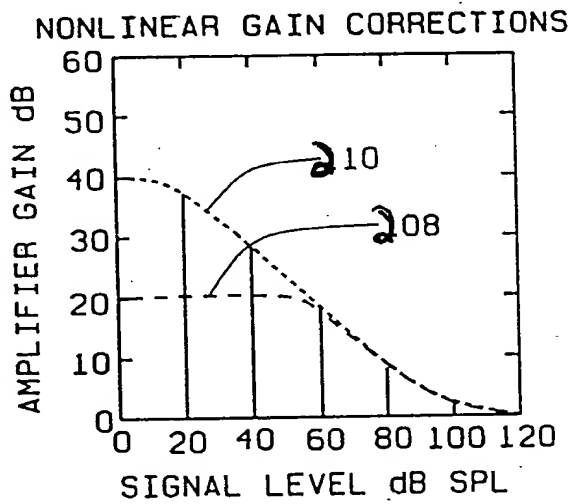


FIG. 5

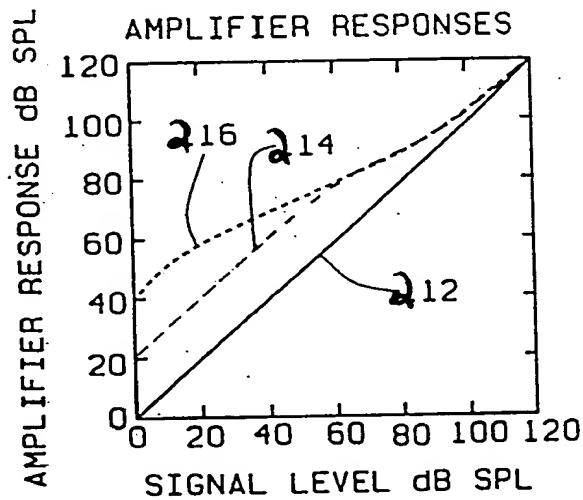
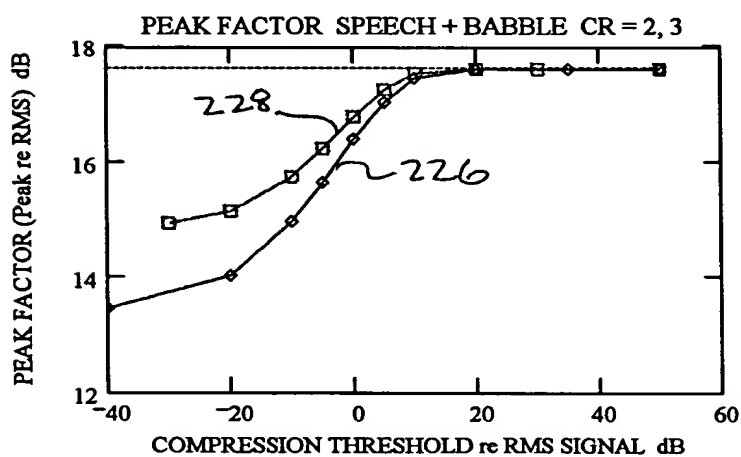
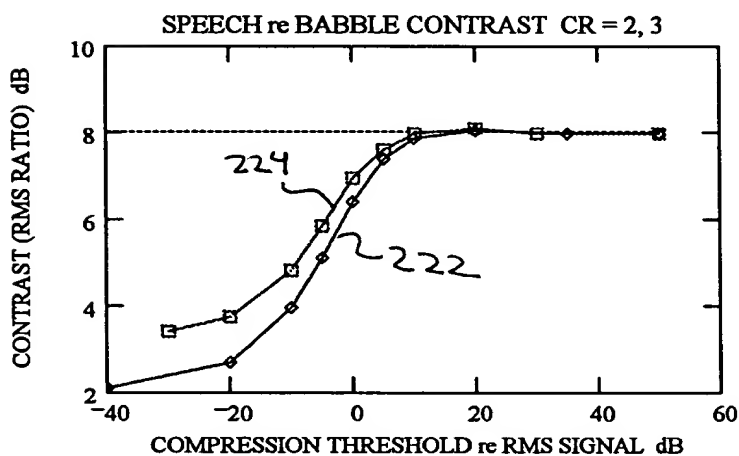
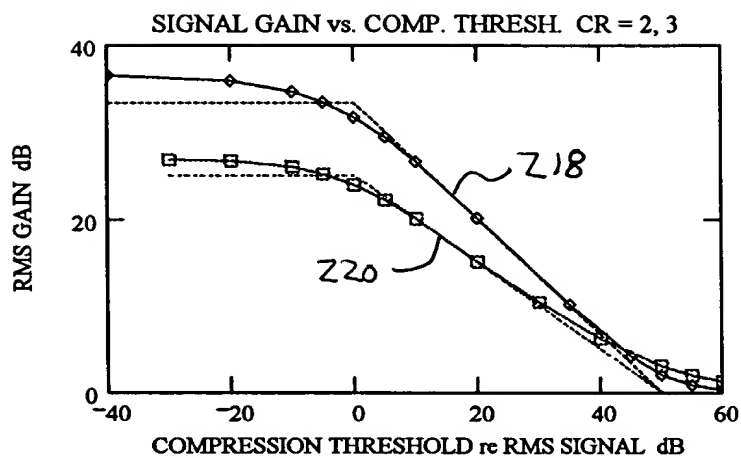


FIG. 6



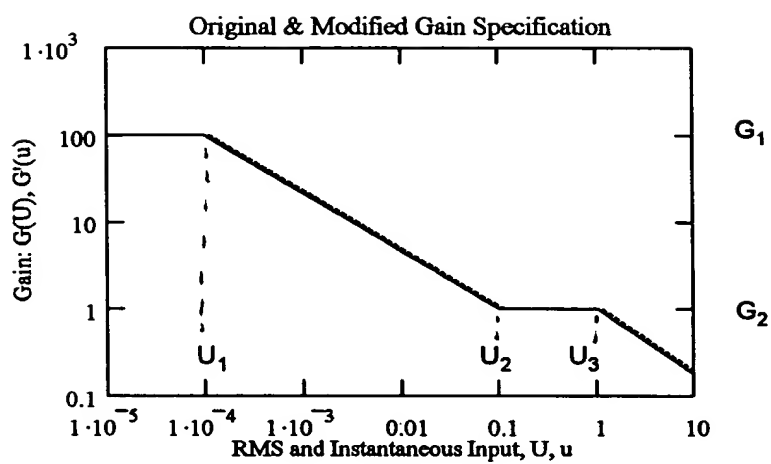


FIG.10

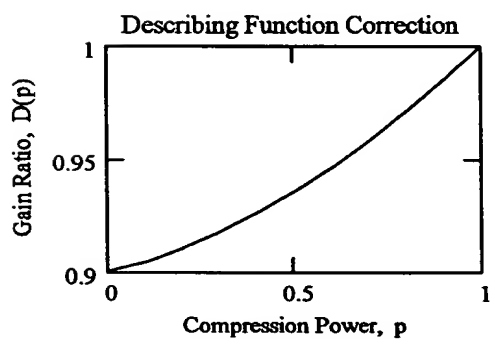
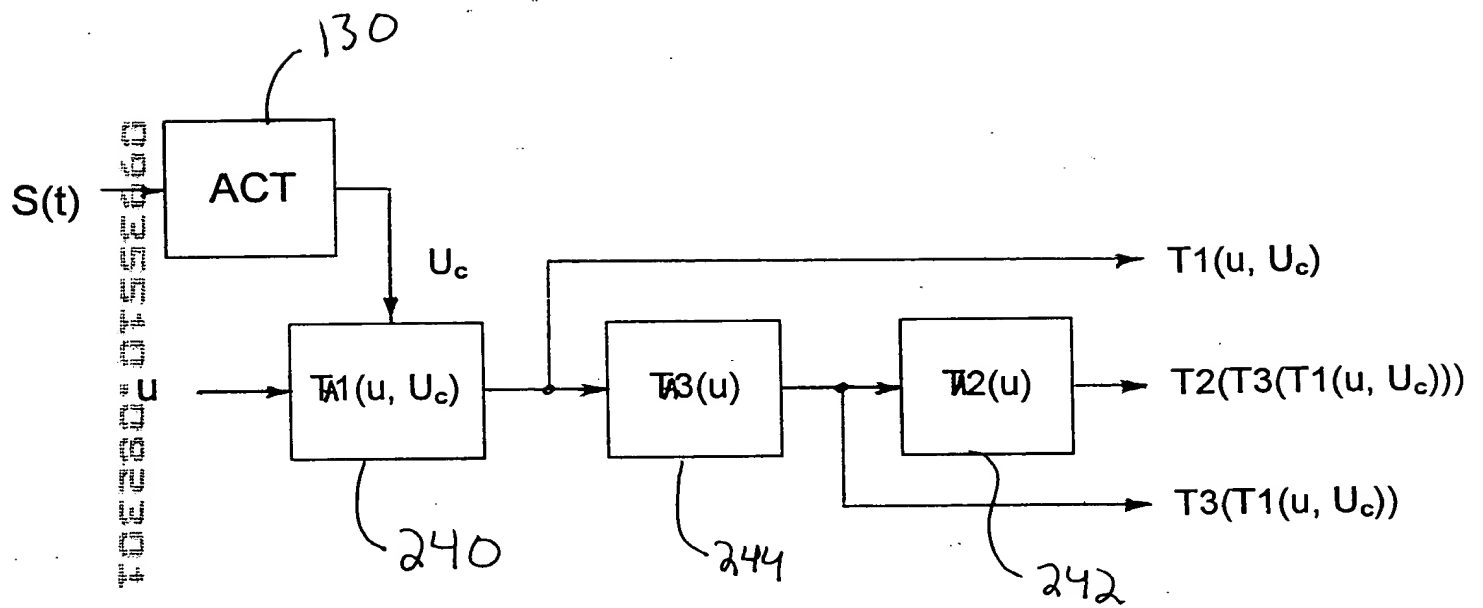


FIG. 11

$$D(p) := \left( \frac{2}{\sqrt{\pi}} \right) \cdot \frac{\Gamma(1 + .5 \cdot p)}{\Gamma(1.5 + .5 \cdot p) \cdot 2^{0.5 \cdot (1-p)}}$$

FIG. 12





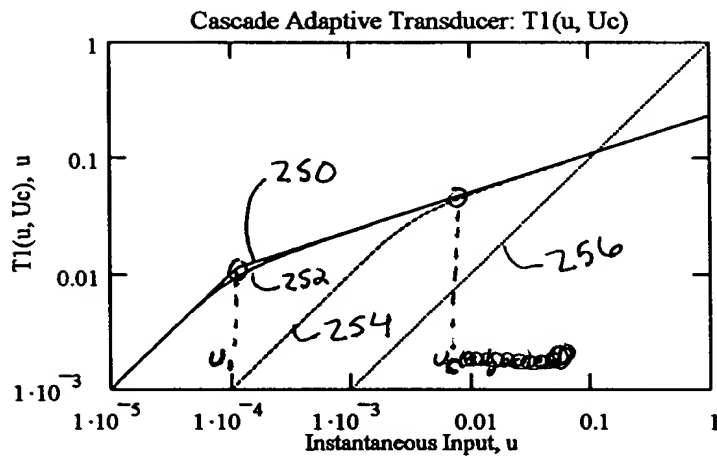


FIG. 13

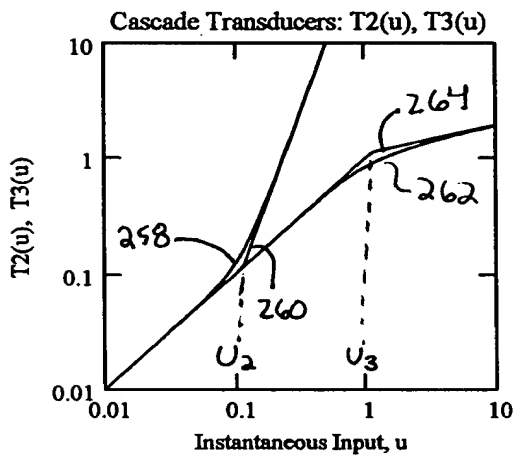


FIG. 14

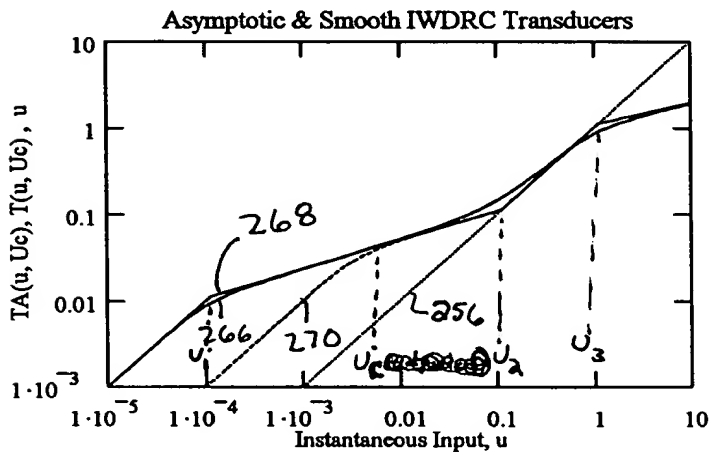


FIG. 15

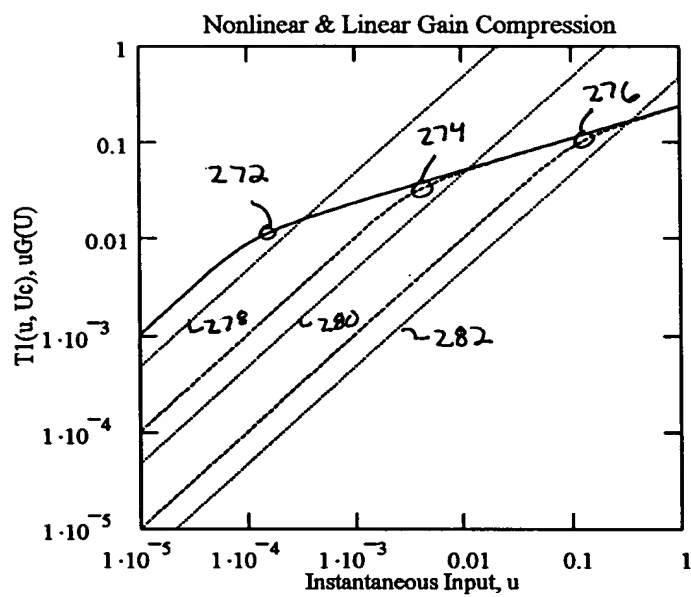


FIG. 16

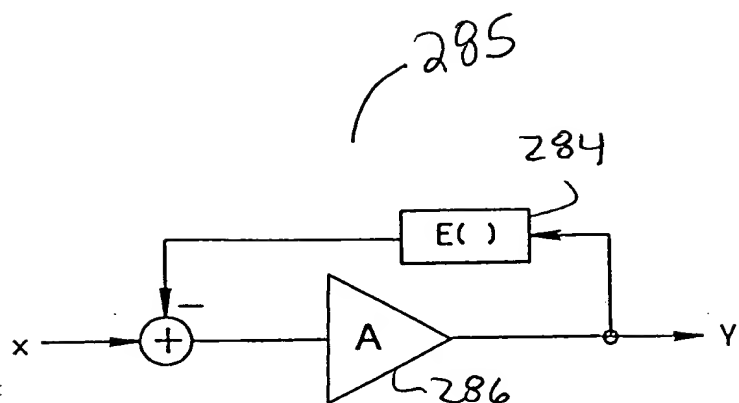


FIG. 17

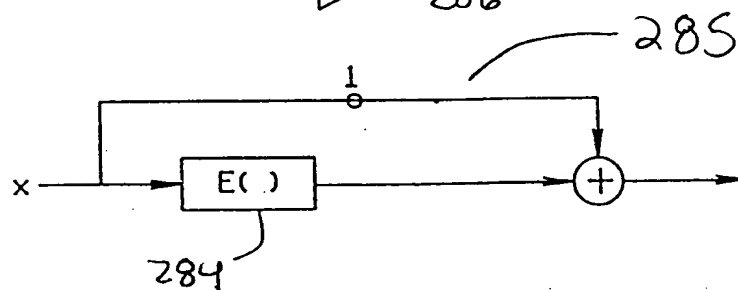


FIG. 18

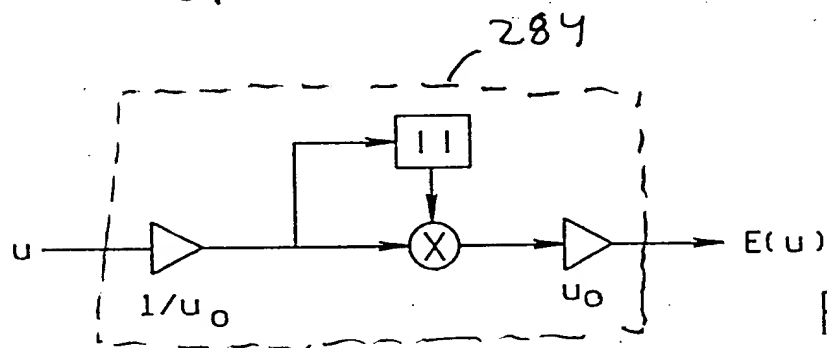


FIG. 19

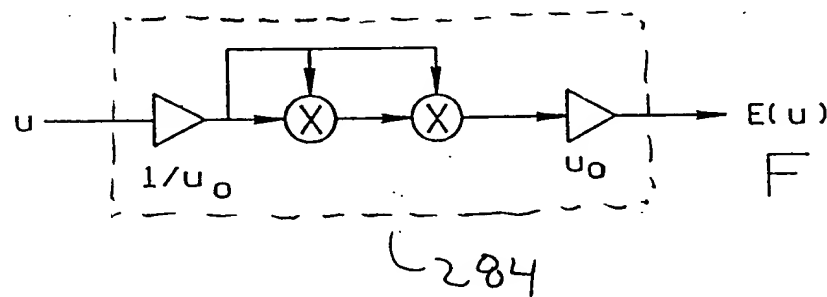
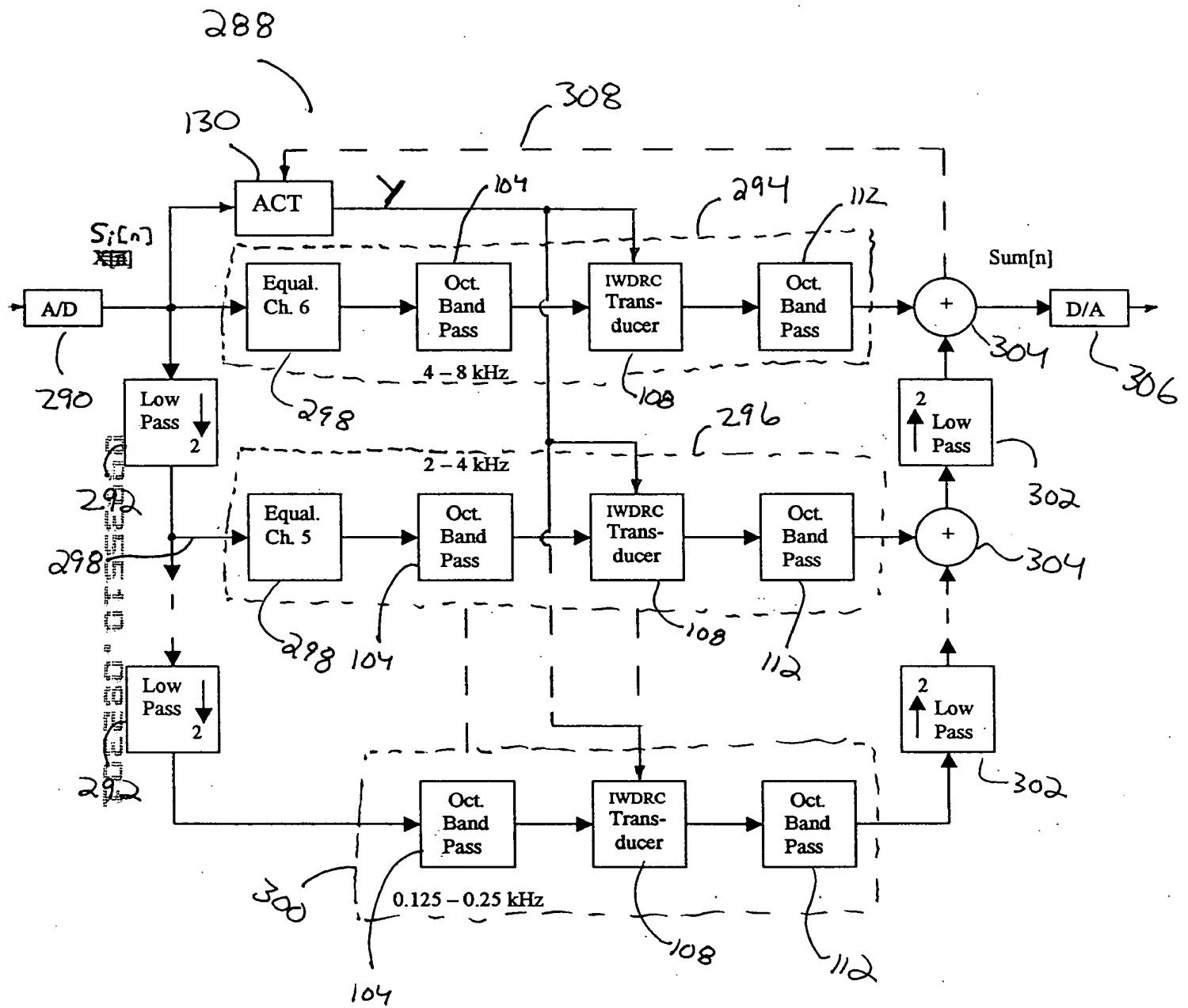


FIG. 20

FIG. 21



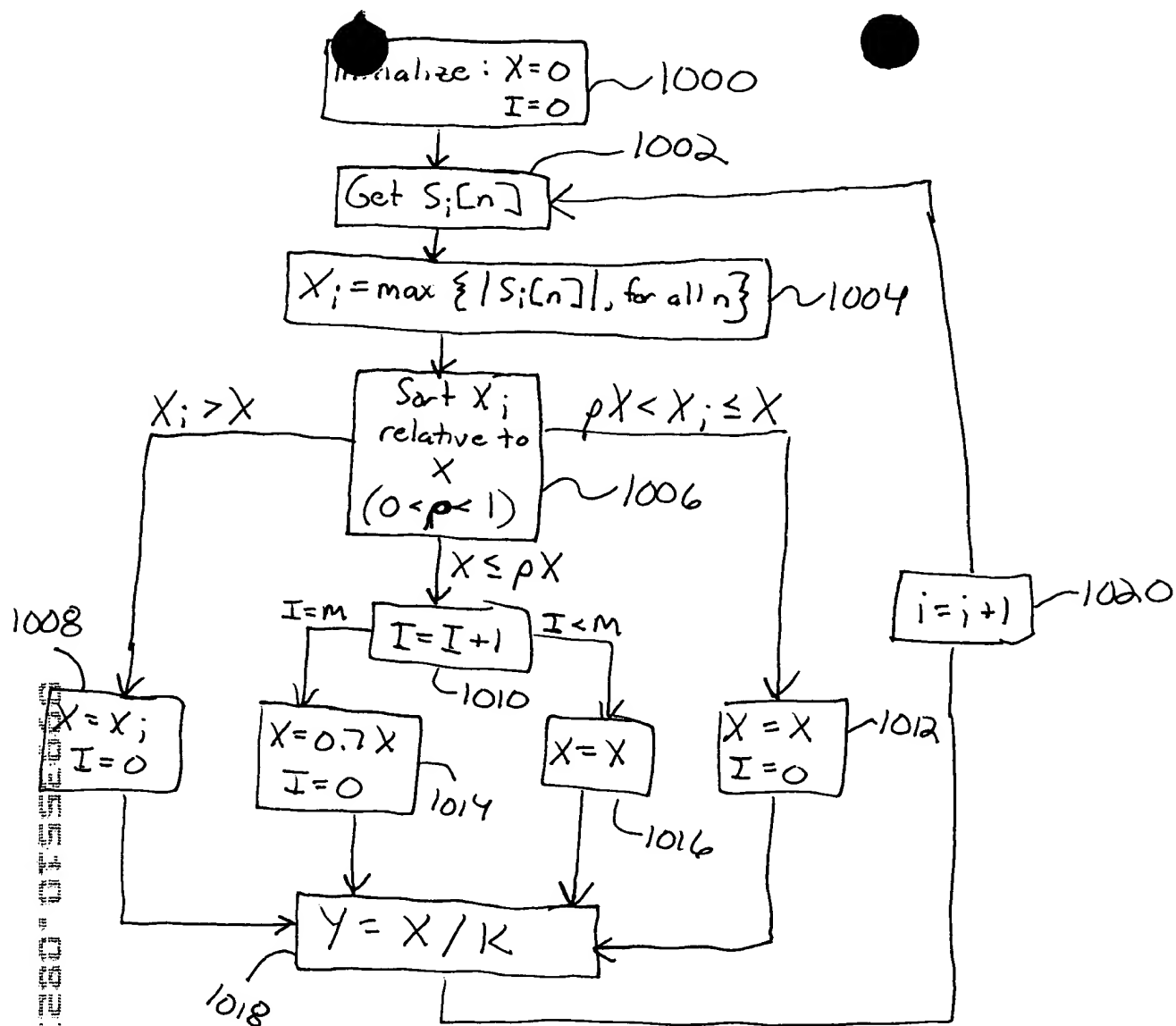


Figure 22

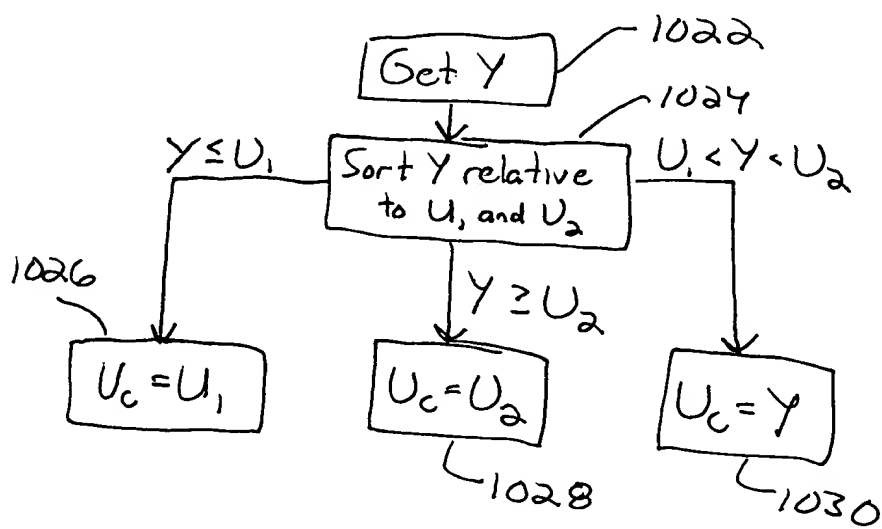


Figure 23